

Abstract

Method of manufacturing a concave meniscus lens with good surface precision. The method of manufacturing a concave meniscus lens method comprises press molding a glass material in a heat-softened state with a pressing mold. The heated glass material is fed between the molding surfaces of the preheated upper and lower pressing molds and press molded, and the upper and lower pressing molds are cooled to obtain a temporary lens; and when an irregularity is produced on one of the surfaces of the temporary lens, the temperature of the glass material, the preheating temperature of the upper and/or lower molds, or the cooling rate of the upper and/or lower molds is corrected to obtain a corrected lens. When the press molding of the temporary lens is conducted by the first and second pressure applications and an irregularity is produced on one of the surfaces of the temporary lens, the load of the second pressure application is corrected to obtain a corrected lens. The correction is repeated until the irregularity of the corrected lens obtained falls within the permitted range.